



8500 SERIES

Welded Vinyl Single Hung Window

Fully featured and energy efficient

- Tilt-In Bottom Sash
- Coil Spring Balance System
- Two Cam Locks at Meeting Rail
- Snap-in J-channel Available
- Standard 1" or 1-3/8" Fin Setback Available
- Optional Decorative Grids Between the Glass
- Complete Specialty Window and Mulling Accessories Available
- Wood or Cellular Extension Jambs Available
- Easy Sash and Fixed Glass Removal for Drywall Pass-through (up to a 3-4 width)
- Intercept® Insulating Glass Spacer System on Single Hung and Picture Window Units
- Swiggle® Spacer System on Specialties
- White or Almond Color Available
- AAMA and NFRC Labeled
- Energy Star Approved

**High Design Pressure Version Available*



CAPITOL

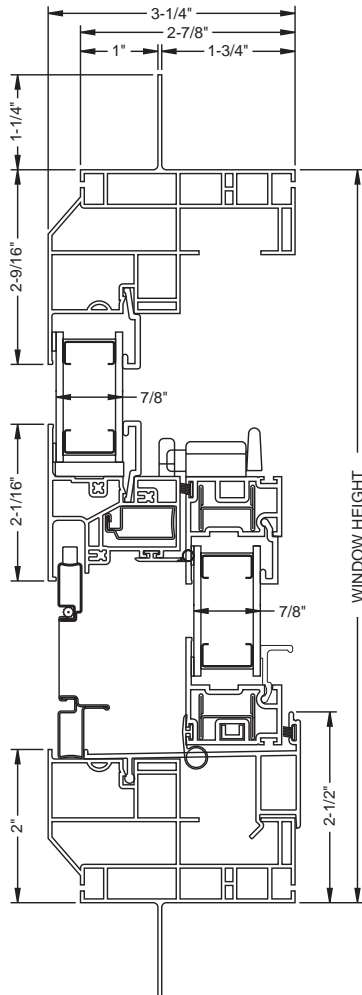


- A** Welded Vinyl Main Frame
- B** Welded Vinyl Sash
- C** Multi-chambered Construction
- D** 3-1/4" Frame Depth
- E** 7/8" Insulated Glass
- F** Reinforced Sash and Meeting Rail

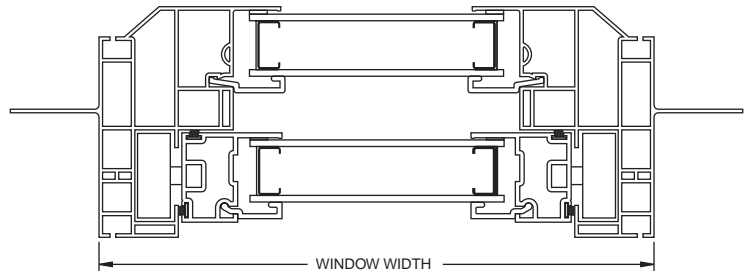
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Welded Vinyl Single Hung Window

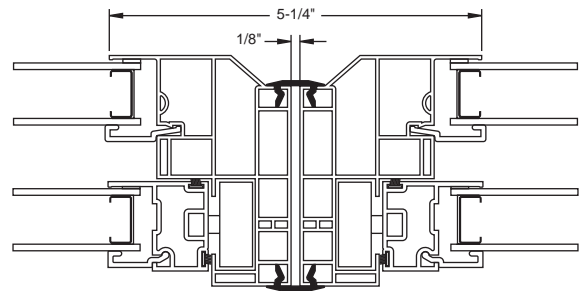
VERTICAL DETAIL



HORIZONTAL DETAIL



HORIZONTAL MULLION DETAIL



MULLION AVAILABLE

V-023 C-MULLION



SINGLE HUNG WINDOW SIZES

CODE	1-8	2-0	2-4	2-6	2-8	3-0	3-4	3-6	3-8
ACTUAL SIZE	19-1/2	23-1/2	27-1/2	29-1/2	31-1/2	35-3/4	39-1/2	41-1/2	43-1/2
ROUGH OPENING	20	24	28	30	32	36-1/4	40	42	44
3-0									
3-8									
4-0									
4-4									
4-6									
5-0									
5-6									
	EQUAL	EQUAL	EQUAL	EQUAL	EQUAL	EQUAL	EQUAL	EQUAL	EQUAL
5-6									
	C.S.	C.S.	C.S.	C.S.	C.S.	C.S.	C.S.	C.S.	C.S.
6-0									
	EQUAL	EQUAL	EQUAL	EQUAL	EQUAL	EQUAL	EQUAL	EQUAL	EQUAL
6-0									
	ORIEL	ORIEL	ORIEL	ORIEL	ORIEL	ORIEL	ORIEL	ORIEL	ORIEL

SIDE LITE WINDOW SIZES

CODE	1-0	1-2	1-8	2-0
ACTUAL SIZE	11-1/2	13-1/2	19-1/2	23-1/2
ROUGH OPENING	12	14	20	24
3-0				
3-8				
4-0				
4-4				
4-6				
5-0				
5-6				
	EQUAL	EQUAL	EQUAL	EQUAL
5-6				
	C.S.	C.S.	C.S.	C.S.
6-0				
	EQUAL	EQUAL	EQUAL	EQUAL
6-0				
	ORIEL	ORIEL	ORIEL	ORIEL



Some products may require special glazing options to meet certain Energy Star criteria. Contact your sales representative for more information.

Energy Star qualified products use less energy than conventional products. You save money and help save the environment. We are proud to be an Energy Star partner.



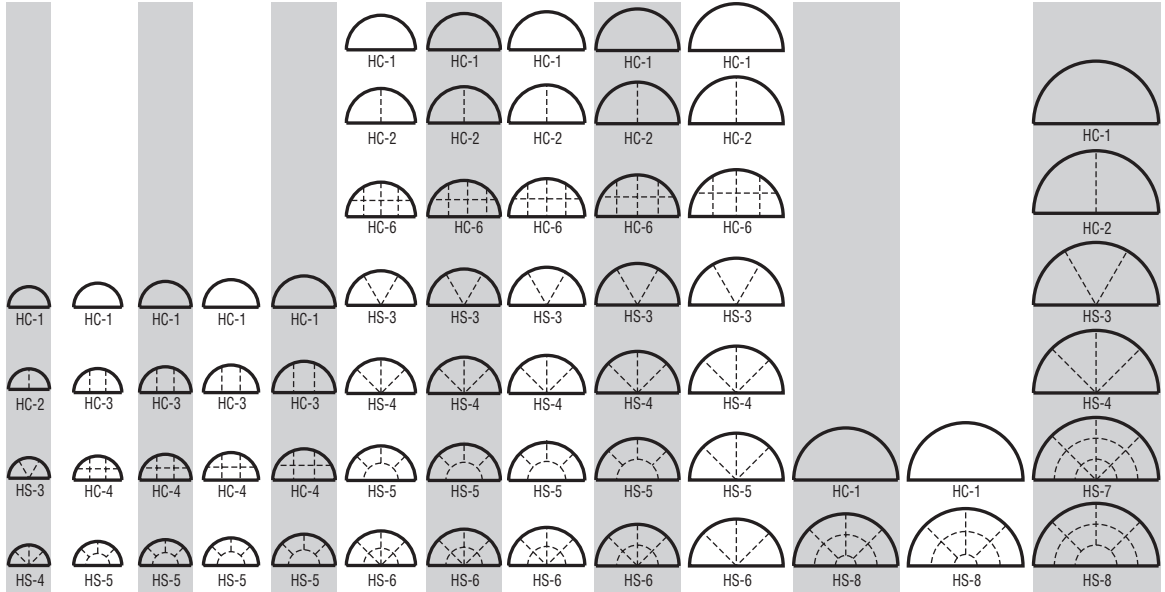
QUALITY CONTROL & TESTING
AAMA CERTIFICATION PROGRAM
 ACCREDITED BY: AMERICAN NATIONAL STANDARDS INSTITUTE
 Validator ALI® CODE: MTL-4

AAMA Certification insures labeled products comply with industry specifications related to windload, air infiltration and water resistance requirements.

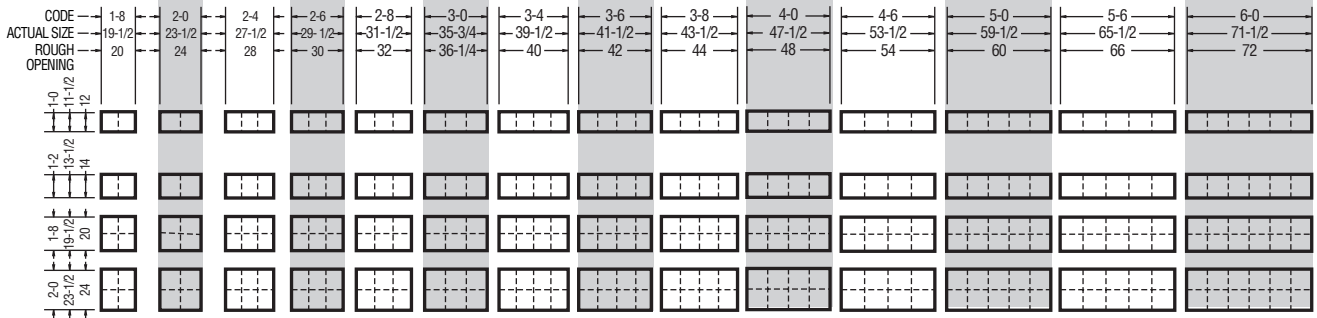


NFRC rated products provide you with an industry standard energy efficiency testing and ratings comparison. Meet your demands for energy performance at a glance.

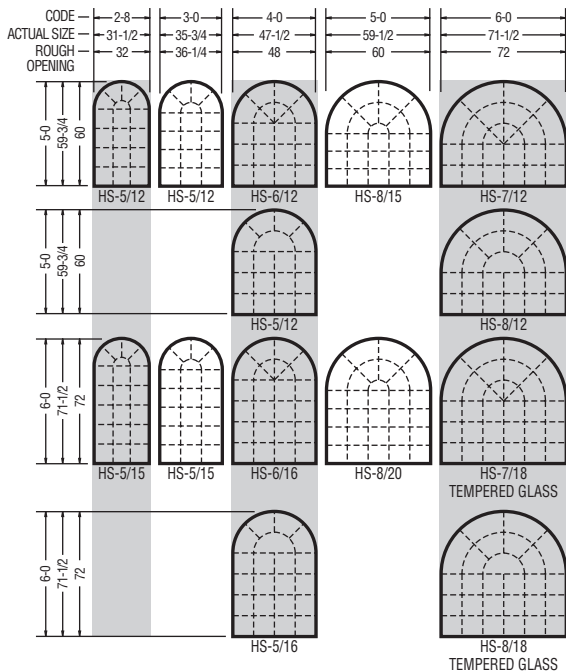
CIRCLE TOP WINDOW SIZES



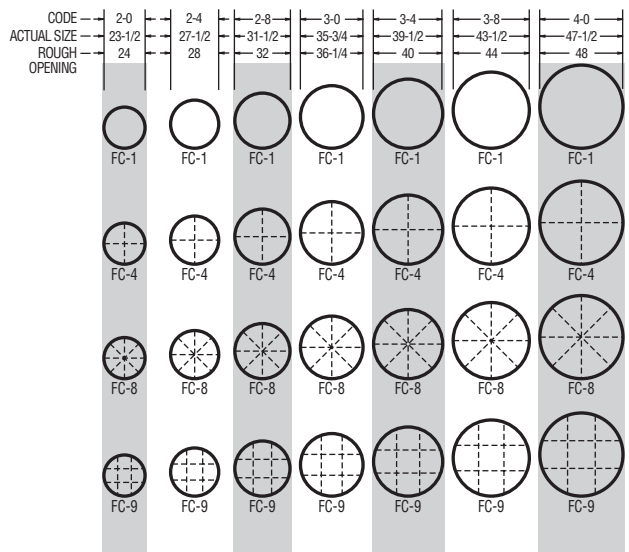
TRANSOM WINDOW SIZES



EXTENDED CIRCLE TOP WINDOW SIZES



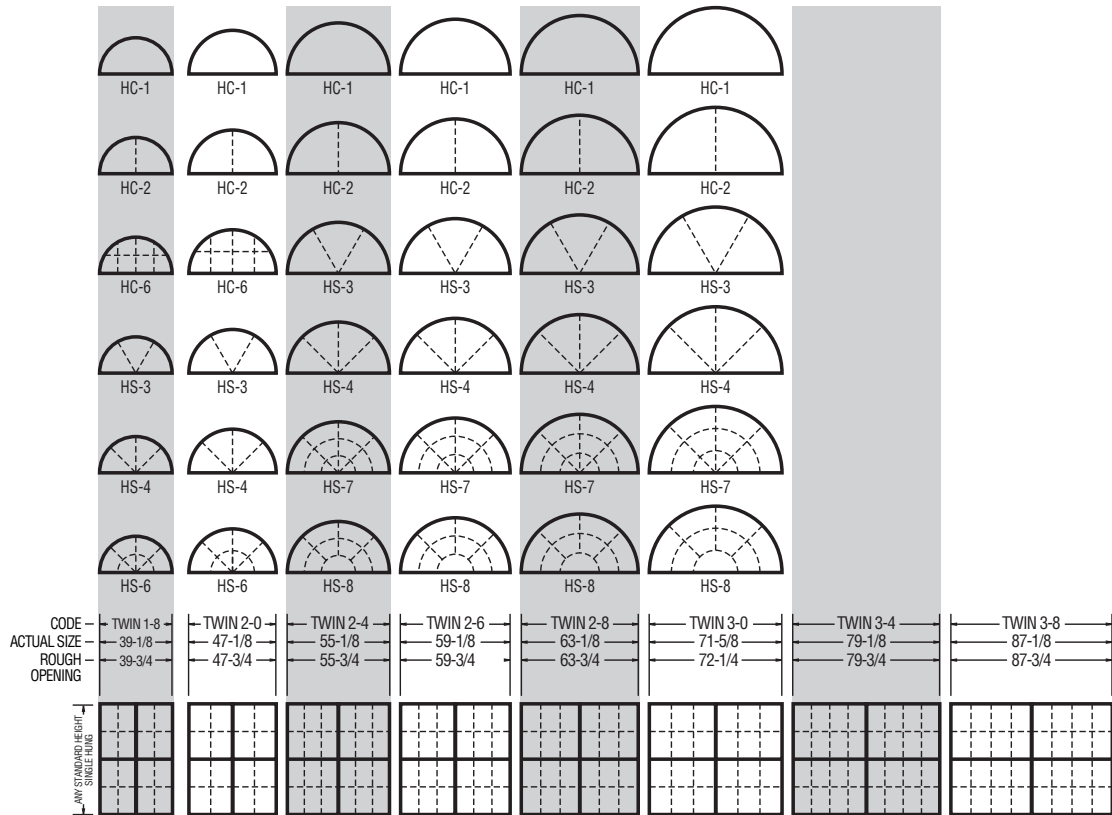
FULL CIRCLE WINDOW SIZES



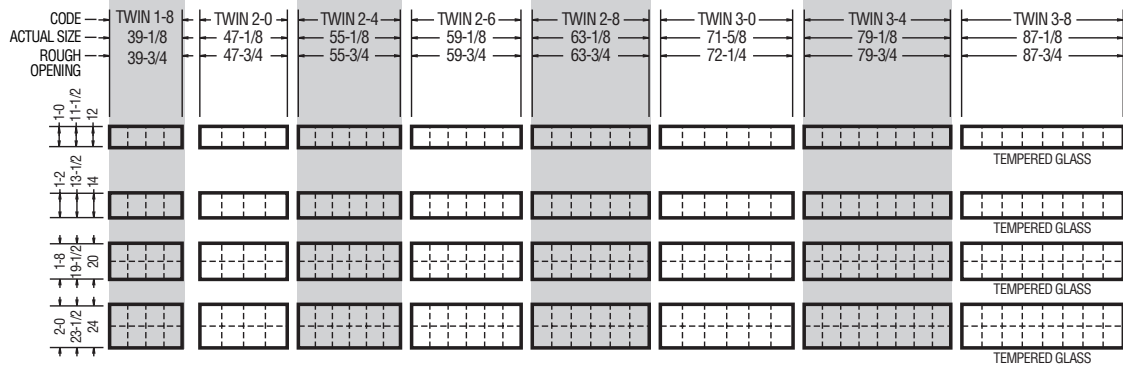
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Welded Vinyl Single Hung Window

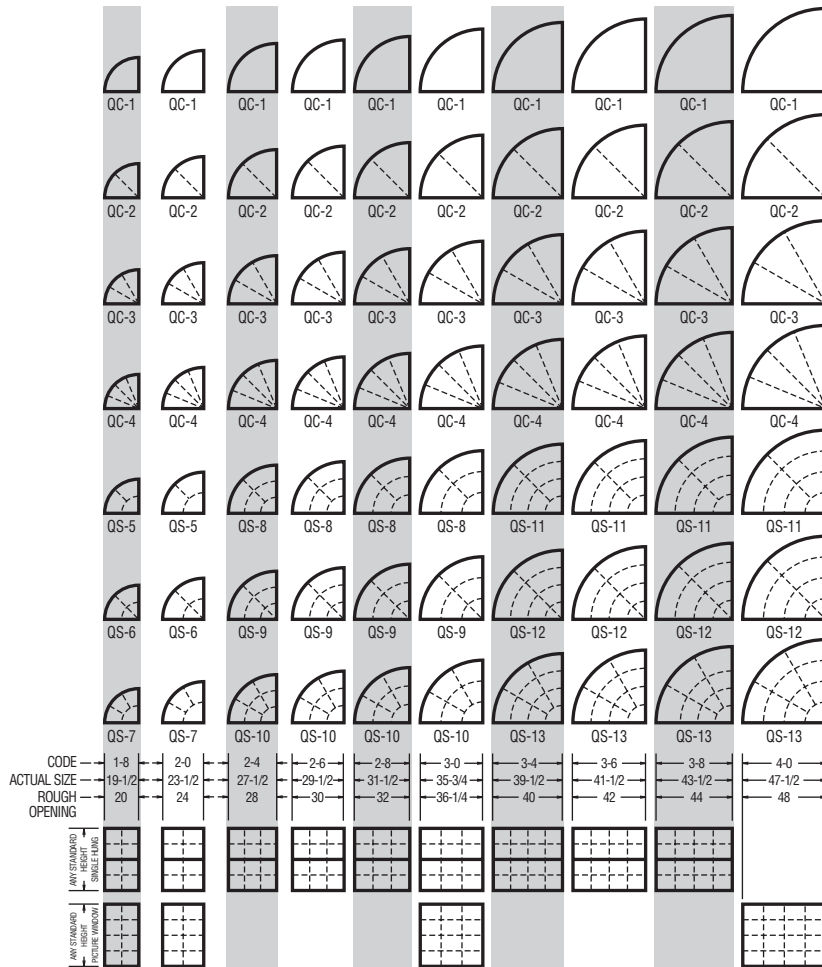
TWIN CIRCLE TOP WINDOW SIZES



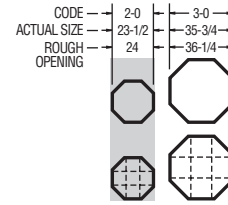
TWIN TRANSOM WINDOW SIZES



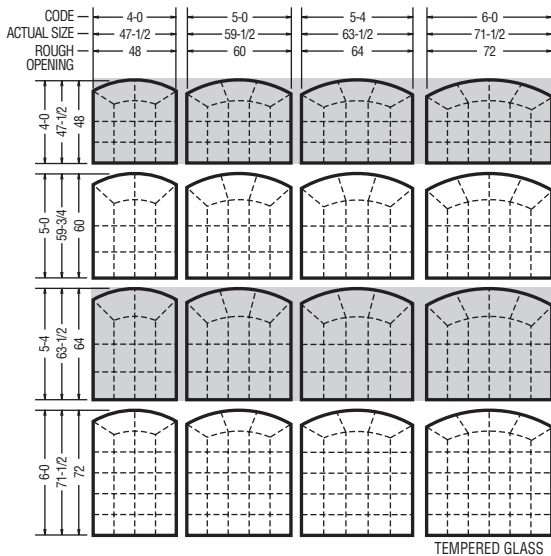
QUARTER CIRCLE WINDOW SIZES



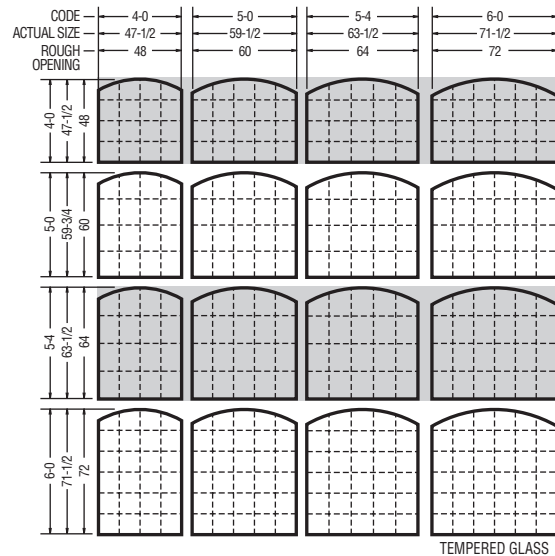
OCTAGON WINDOW SIZES



EXTENDED ARCH TOP WINDOW SIZES—RENAISSANCE



EXTENDED ARCH TOP WINDOW SIZES—COLONIAL



8500 SERIES *Welded Vinyl Single Hung Window*

NOMINAL UNIT SIZE	WINDOW I.D. SIZE	SASH RAISED CLEAR OPENING WIDTH x HEIGHT	SASH RAISED CLEAR OPENING SQ. FT.	VISIBLE LIGHT SQ. FT.	SCREEN (OVERALL FINISH SIZE) WIDTH x HEIGHT	TOP GLASS WIDTH x HEIGHT	BOTTOM GLASS WIDTH x HEIGHT
1830	19 1/2 x 35 1/2	14 3/8 x 12	1.20	2.71	15 9/16 x 15 5/8	15 5/16 x 14 5/8	15 5/16 x 14 5/8
1838	19 1/2 x 43 1/2	14 3/8 x 16	1.60	3.50	15 9/16 x 19 5/8	15 5/16 x 18 5/8	15 5/16 x 18 5/8
1840	19 1/2 x 47 1/2	14 3/8 x 18	1.80	3.90	15 9/16 x 21 5/8	15 5/16 x 20 5/8	15 5/16 x 20 5/8
1844	19 1/2 x 51 1/2	14 3/8 x 20	2.00	4.30	15 9/16 x 23 5/8	15 5/16 x 22 5/8	15 5/16 x 22 5/8
1846	19 1/2 x 53 1/2	14 3/8 x 21	2.10	4.50	15 9/16 x 24 5/8	15 5/16 x 23 5/8	15 5/16 x 23 5/8
1850	19 1/2 x 59 3/4	14 3/8 x 24 1/8	2.41	5.12	15 9/16 x 27 3/4	15 5/16 x 26 3/4	15 5/16 x 26 3/4
1856 Equal	19 1/2 x 65 1/2	14 3/8 x 27	2.70	5.69	15 9/16 x 30 5/8	15 5/16 x 29 5/8	15 5/16 x 29 5/8
1856 CS	19 1/2 x 65 1/2	14 3/8 x 20	2.00	5.69	15 9/16 x 37 5/8	15 5/16 x 36 5/8	15 5/16 x 36 5/8
1860 Equal	19 1/2 x 71 1/2	14 3/8 x 30	2.99	6.29	15 9/16 x 33 5/8	15 5/16 x 32 5/8	15 5/16 x 32 5/8
1860 Oriel	19 1/2 x 71 1/2	14 3/8 x 24 1/8	2.41	6.29	15 9/16 x 27 3/4	15 5/16 x 38 1/2	15 5/16 x 26 3/4
2030	23 1/2 x 35 1/2	18 3/8 x 12	1.53	3.47	19 9/16 x 15 5/8	19 5/16 x 14 5/8	19 5/16 x 14 5/8
2038	23 1/2 x 43 1/2	18 3/8 x 16	2.04	4.48	19 9/16 x 19 5/8	19 5/16 x 18 5/8	19 5/16 x 18 5/8
2040	23 1/2 x 47 1/2	18 3/8 x 18	2.30	4.99	19 9/16 x 21 5/8	19 5/16 x 20 5/8	19 5/16 x 20 5/8
2044	23 1/2 x 51 1/2	18 3/8 x 20	2.55	5.50	19 9/16 x 23 5/8	19 5/16 x 22 5/8	19 5/16 x 22 5/8
2046	23 1/2 x 53 1/2	18 3/8 x 21	2.68	5.75	19 9/16 x 24 5/8	19 5/16 x 23 5/8	19 5/16 x 23 5/8
2050	23 1/2 x 59 3/4	18 3/8 x 24 1/8	3.08	6.55	19 9/16 x 27 3/4	19 5/16 x 26 3/4	19 5/16 x 26 3/4
2056 Equal	23 1/2 x 65 1/2	18 3/8 x 27	3.45	7.28	19 9/16 x 30 5/8	19 5/16 x 29 5/8	19 5/16 x 29 5/8
2056 CS	23 1/2 x 65 1/2	18 3/8 x 20	2.55	7.28	19 9/16 x 37 5/8	19 5/16 x 36 5/8	19 5/16 x 36 5/8
2060 Equal	23 1/2 x 71 1/2	18 3/8 x 30	3.83	8.04	19 9/16 x 33 5/8	19 5/16 x 32 5/8	19 5/16 x 32 5/8
2060 Oriel	23 1/2 x 71 1/2	18 3/8 x 24 1/8	3.08	8.04	19 9/16 x 27 3/4	19 5/16 x 38 1/2	19 5/16 x 26 3/4
2430	27 1/2 x 35 1/2	22 3/8 x 12	1.86	4.22	23 9/16 x 15 5/8	23 5/16 x 14 5/8	23 5/16 x 14 5/8
2438	27 1/2 x 43 1/2	22 3/8 x 16	2.49	5.46	23 9/16 x 19 5/8	23 5/16 x 18 5/8	23 5/16 x 18 5/8
2440	27 1/2 x 47 1/2	22 3/8 x 18	2.80	6.08	23 9/16 x 21 5/8	23 5/16 x 20 5/8	23 5/16 x 20 5/8
2444	27 1/2 x 51 1/2	22 3/8 x 20	3.11	6.70	23 9/16 x 23 5/8	23 5/16 x 22 5/8	23 5/16 x 22 5/8
2446	27 1/2 x 53 1/2	22 3/8 x 21	3.26	7.01	23 9/16 x 24 5/8	23 5/16 x 23 5/8	23 5/16 x 23 5/8
2450	27 1/2 x 59 3/4	22 3/8 x 24 1/8	3.75	7.98	23 9/16 x 27 3/4	23 5/16 x 26 3/4	23 5/16 x 26 3/4
2456 Equal	27 1/2 x 65 1/2	22 3/8 x 27	4.20	8.87	23 9/16 x 30 5/8	23 5/16 x 29 5/8	23 5/16 x 29 5/8
2456 CS	27 1/2 x 65 1/2	22 3/8 x 20	3.11	8.87	23 9/16 x 37 5/8	23 5/16 x 36 5/8	23 5/16 x 36 5/8
2460 Equal	27 1/2 x 71 1/2	22 3/8 x 30	4.66	9.80	23 9/16 x 33 5/8	23 5/16 x 32 5/8	23 5/16 x 32 5/8
2460 Oriel	27 1/2 x 71 1/2	22 3/8 x 24 1/8	3.75	9.80	23 9/16 x 27 3/4	23 5/16 x 38 1/2	23 5/16 x 26 3/4
2630	29 1/2 x 35 1/2	24 3/8 x 12	2.03	4.60	25 9/16 x 15 5/8	25 5/16 x 14 5/8	25 5/16 x 14 5/8
2638	29 1/2 x 43 1/2	24 3/8 x 16	2.71	5.95	25 9/16 x 19 5/8	25 5/16 x 18 5/8	25 5/16 x 18 5/8
2640	29 1/2 x 47 1/2	24 3/8 x 18	3.05	6.63	25 9/16 x 21 5/8	25 5/16 x 20 5/8	25 5/16 x 20 5/8
2644	29 1/2 x 51 1/2	24 3/8 x 20	3.39	7.30	25 9/16 x 23 5/8	25 5/16 x 22 5/8	25 5/16 x 22 5/8
2646	29 1/2 x 53 1/2	24 3/8 x 21	3.55	7.64	25 9/16 x 24 5/8	25 5/16 x 23 5/8	25 5/16 x 23 5/8
2650	29 1/2 x 59 3/4	24 3/8 x 24 1/8	4.08	8.70	25 9/16 x 27 3/4	25 5/16 x 26 3/4	25 5/16 x 26 3/4
2656 Equal	29 1/2 x 65 1/2	24 3/8 x 27	4.57	9.67	25 9/16 x 30 5/8	25 5/16 x 29 5/8	25 5/16 x 29 5/8
2656 CS	29 1/2 x 65 1/2	24 3/8 x 20	3.39	9.67	25 9/16 x 37 5/8	25 5/16 x 36 5/8	25 5/16 x 36 5/8
2660 Equal	29 1/2 x 71 1/2	24 3/8 x 30	5.08	10.68	25 9/16 x 33 5/8	25 5/16 x 32 5/8	25 5/16 x 32 5/8
2660 Oriel	29 1/2 x 71 1/2	24 3/8 x 24 1/8	4.08	10.68	25 9/16 x 27 3/4	25 5/16 x 38 1/2	25 5/16 x 26 3/4
2830	31 1/2 x 35 1/2	26 3/8 x 12	2.20	4.98	27 9/16 x 15 5/8	27 5/16 x 14 5/8	27 5/16 x 14 5/8
2838	31 1/2 x 43 1/2	26 3/8 x 16	2.93	6.44	27 9/16 x 19 5/8	27 5/16 x 18 5/8	27 5/16 x 18 5/8
2840	31 1/2 x 47 1/2	26 3/8 x 18	3.30	7.17	27 9/16 x 21 5/8	27 5/16 x 20 5/8	27 5/16 x 20 5/8
2844	31 1/2 x 51 1/2	26 3/8 x 20	3.66	7.90	27 9/16 x 23 5/8	27 5/16 x 22 5/8	27 5/16 x 22 5/8
2846	31 1/2 x 53 1/2	26 3/8 x 21	3.85	8.27	27 9/16 x 24 5/8	27 5/16 x 23 5/8	27 5/16 x 23 5/8
2850	31 1/2 x 59 3/4	26 3/8 x 24 1/8	4.42	9.41	27 9/16 x 27 3/4	27 5/16 x 26 3/4	27 5/16 x 26 3/4
2856 Equal	31 1/2 x 65 1/2	26 3/8 x 27	4.95	10.46	27 9/16 x 30 5/8	27 5/16 x 29 5/8	27 5/16 x 29 5/8
2856 CS	31 1/2 x 65 1/2	26 3/8 x 20	3.66	10.46	27 9/16 x 37 5/8	27 5/16 x 36 5/8	27 5/16 x 36 5/8
2860 Equal	31 1/2 x 71 1/2	26 3/8 x 30	5.49	11.56	27 9/16 x 33 5/8	27 5/16 x 32 5/8	27 5/16 x 32 5/8
2860 Oriel	31 1/2 x 71 1/2	26 3/8 x 24 1/8	4.42	11.56	27 9/16 x 27 3/4	27 5/16 x 38 1/2	27 5/16 x 26 3/4
3030	35 3/4 x 35 1/2	30 5/8 x 12	2.55	5.78	31 13/16 x 15 5/8	31 9/16 x 14 5/8	31 9/16 x 14 5/8
3038	35 3/4 x 43 1/2	30 5/8 x 16	3.40	7.48	31 13/16 x 19 5/8	31 9/16 x 18 5/8	31 9/16 x 18 5/8
3040	35 3/4 x 47 1/2	30 5/8 x 18	3.83	8.33	31 13/16 x 21 5/8	31 9/16 x 20 5/8	31 9/16 x 20 5/8
3044	35 3/4 x 51 1/2	30 5/8 x 20	4.25	9.18	31 13/16 x 23 5/8	31 9/16 x 22 5/8	31 9/16 x 22 5/8
3046	35 3/4 x 53 1/2	30 5/8 x 21	4.47	9.60	31 13/16 x 24 5/8	31 9/16 x 23 5/8	31 9/16 x 23 5/8
*3050	35 3/4 x 59 3/4	30 5/8 x 26 13/16	5.70	10.93	31 13/16 x 27 3/4	31 9/16 x 26 3/4	31 9/16 x 26 3/4
3056 Equal	35 3/4 x 65 1/2	30 5/8 x 27	5.74	12.15	31 13/16 x 30 5/8	31 9/16 x 29 5/8	31 9/16 x 29 5/8
3056 CS	35 3/4 x 65 1/2	30 5/8 x 20	4.25	12.15	31 13/16 x 37 5/8	31 9/16 x 36 5/8	31 9/16 x 36 5/8
3060 Equal	35 3/4 x 71 1/2	30 5/8 x 30	6.38	13.42	31 13/16 x 33 5/8	31 9/16 x 32 5/8	31 9/16 x 32 5/8
3060 Oriel	35 3/4 x 71 1/2	30 5/8 x 24 1/8	5.70	13.42	31 13/16 x 27 3/4	31 9/16 x 38 1/2	31 9/16 x 26 3/4
3430	39 1/2 x 35 1/2	34 3/8 x 12	2.86	6.49	35 9/16 x 15 5/8	35 5/16 x 14 5/8	35 5/16 x 14 5/8
3438	39 1/2 x 43 1/2	34 3/8 x 16	3.82	8.40	35 9/16 x 19 5/8	35 5/16 x 18 5/8	35 5/16 x 18 5/8
3440	39 1/2 x 47 1/2	34 3/8 x 18	4.30	9.35	35 9/16 x 21 5/8	35 5/16 x 20 5/8	35 5/16 x 20 5/8
3444	39 1/2 x 51 1/2	34 3/8 x 20	4.77	10.31	35 9/16 x 23 5/8	35 5/16 x 22 5/8	35 5/16 x 22 5/8
3446	39 1/2 x 53 1/2	34 3/8 x 21	5.01	10.78	35 9/16 x 24 5/8	35 5/16 x 23 5/8	35 5/16 x 23 5/8
3450	39 1/2 x 59 3/4	34 3/8 x 24 1/8	5.76	12.27	35 9/16 x 27 3/4	35 5/16 x 26 3/4	35 5/16 x 26 3/4
3456 Equal	39 1/2 x 65 1/2	34 3/8 x 27	6.45	13.64	35 9/16 x 30 5/8	35 5/16 x 29 5/8	35 5/16 x 29 5/8
3456 CS	39 1/2 x 65 1/2	34 3/8 x 20	4.77	13.64	35 9/16 x 37 5/8	35 5/16 x 36 5/8	35 5/16 x 36 5/8
3460 Equal	39 1/2 x 71 1/2	34 3/8 x 30	7.16	15.07	35 9/16 x 33 5/8	35 5/16 x 32 5/8	35 5/16 x 32 5/8
3460 Oriel	39 1/2 x 71 1/2	34 3/8 x 24 1/8	5.76	15.07	35 9/16 x 27 3/4	35 5/16 x 38 1/2	35 5/16 x 26 3/4
3630	41 1/2 x 35 1/2	36 3/8 x 12	3.03	6.87	37 9/16 x 15 5/8	37 5/16 x 14 5/8	37 5/16 x 14 5/8
3638	41 1/2 x 43 1/2	36 3/8 x 16	4.04	8.89	37 9/16 x 19 5/8	37 5/16 x 18 5/8	37 5/16 x 18 5/8
3640	41 1/2 x 47 1/2	36 3/8 x 18	4.55	9.90	37 9/16 x 21 5/8	37 5/16 x 20 5/8	37 5/16 x 20 5/8
3644	41 1/2 x 51 1/2	36 3/8 x 20	5.05	10.91	37 9/16 x 23 5/8	37 5/16 x 22 5/8	37 5/16 x 22 5/8
3646	41 1/2 x 53 1/2	36 3/8 x 21	5.30	11.41	37 9/16 x 24 5/8	37 5/16 x 23 5/8	37 5/16 x 23 5/8
3650	41 1/2 x 59 3/4	36 3/8 x 24 1/8	6.09	12.99	37 9/16 x 27 3/4	37 5/16 x 26 3/4	37 5/16 x 26 3/4
3656 Equal	41 1/2 x 65 1/2	36 3/8 x 27	6.82	14.44	37 9/16 x 30 5/8	37 5/16 x 29 5/8	37 5/16 x 29 5/8
3656 CS	41 1/2 x 65 1/2	36 3/8 x 20	5.05	14.44	37 9/16 x 37 5/8	37 5/16 x 36 5/8	37 5/16 x 36 5/8
3660 Equal	41 1/2 x 71 1/2	36 3/8 x 30	7.58	15.95	37 9/16 x 33 5/8	37 5/16 x 32 5/8	37 5/16 x 32 5/8
3660 Oriel	41 1/2 x 71 1/2	36 3/8 x 24 1/8	6.09	15.95	37 9/16 x 27 3/4	37 5/16 x 38 1/2	37 5/16 x 26 3/4
3830	43 1/2 x 35 1/2	38 3/8 x 12	3.20	7.25	39 9/16 x 15 5/8	39 5/16 x 14 5/8	39 5/16 x 14 5/8
3838	43 1/2 x 43 1/2	38 3/8 x 16	4.26	9.38	39 9/16 x 19 5/8	39 5/16 x 18 5/8	39 5/16 x 18 5/8
3840	43 1/2 x 47 1/2	38 3/8 x 18	4.80	10.44	39 9/16 x 21 5/8	39 5/16 x 20 5/8	39 5/16 x 20 5/8
3844	43 1/2 x 51 1/2	38 3/8 x 20	5.33	11.51	39 9/16 x 23 5/8	39 5/16 x 22 5/8	39 5/16 x 22 5/8
3846	43 1/2 x 53 1/2	38 3/8 x 21	5.60	12.04	39 9/16 x 24 5/8	39 5/16 x 23 5/8	39 5/16 x 23 5/8
3850	43 1/2 x 59 3/4	38 3/8 x 24 1/8	6.43	13.70	39 9/16 x 27 3/4	39 5/16 x 26 3/4	39 5/16 x 26 3/4
3856 Equal	43 1/2 x 65 1/2	38 3/8 x 27	7.20	15.23	39 9/16 x 30 5/8	39 5/16 x 29 5/8	39 5/16 x 29 5/8
3856 CS	43 1/2 x 65 1/2	38 3/8 x 20	5.33	15.23	39 9/16 x 37 5/8	39 5/16 x 36 5/8	39 5/16 x 36 5/8
3860 Equal	43 1/2 x 71 1/2	38 3/8 x 30	7.99	16.83	39 9/16 x 33 5/8	39 5/16 x 32 5/8	39 5/16 x 32 5/8
3860 Oriel	43 1/2 x 71 1/2	38 3/8 x 24 1/8	6.43	16.83	39 9/16 x 27 3/4	39 5/16 x 38 1/2	39 5/16 x 26 3/4

* "Z" Pivot bar & single balance needed to meet egress requirements.



For additional Product Information, technical documents, installation instructions and warranty information, please visit: www.miwd.com
 MI Windows and Doors, Inc. is a J.T. Walker Company